|                 | Index of Claims |  |                  |           |         |          |                 |                |                |          | ^          | Application No. |                   |          |             |             |         |              |       |             |          | Applicant(s) |                 |                |           |                 |                |  |
|-----------------|-----------------|--|------------------|-----------|---------|----------|-----------------|----------------|----------------|----------|------------|-----------------|-------------------|----------|-------------|-------------|---------|--------------|-------|-------------|----------|--------------|-----------------|----------------|-----------|-----------------|----------------|--|
| Index of Claims |                 |  |                  |           |         |          |                 |                |                | 1        | 10/628,276 |                 |                   |          |             |             |         |              |       | KANG ET AL. |          |              |                 |                |           |                 |                |  |
|                 |                 |  |                  |           |         |          |                 |                |                |          |            |                 | xar               |          |             |             |         |              |       |             | $\dashv$ | Art          |                 |                |           |                 |                |  |
|                 |                 |  |                  |           |         |          |                 |                |                |          |            |                 |                   |          |             |             |         |              |       |             |          |              |                 |                |           |                 |                |  |
|                 | SIEI (15)       | 1 68   |                  | 11881     |         | nsil     | 18818           | -111 124       |                |          |            | <u> </u>   N    | /lar              | k A      | <u>ı. N</u> | /illia      | ms      |              |       |             |          | 367          | <b>'</b> 6      |                |           |                 |                |  |
|                 |                 | _  |                  |           | ٦       |          |                 |                | _              |          |            |                 |                   | 1        |             |             |         | -            |       | г           | - 1      | _            |                 |                |           | _               |                |  |
|                 | √               | F  | Rej cted         |           |         | -        | (1              | (Thr ugh numer |                |          | ral)       | al)             |                   | N        | Non-Ele     |             |         | ct d         |       |             | App al   |              |                 |                |           |                 |                |  |
|                 | Ļ               | Ĺ  |                  |           | 4       |          | Ш               |                | Cancelled      |          |            |                 |                   |          | N           |             |         |              |       | }           | Α        |              |                 |                | 4         |                 |                |  |
|                 | =               | / ا  | Allow            | ed        |         |          | <u>.</u>        |                | Re             | estric   | ted        |                 |                   |          | ı           | Int         | erfe    | ren          | ce    |             | o        | С            | )bje            | cte            | d         |                 |                |  |
|                 |                 | Ľ  |                  |           |         |          |                 |                |                |          |            |                 |                   |          |             |             |         |              |       | L           |          |              |                 |                |           | ╛               |                |  |
| Claim           |                 |  | Date             |           |         |          |                 | $\neg$         | [              | Claim    |            |                 | Da                | )ate     |             | <del></del> |         | 1 r          | Clair | <u> </u>    |          | Date         |                 |                | $\neg$    |                 |                |  |
|                 | 100             | Τ  | П                |           |         | T        | П               | -              | <del>  "</del> | 1        | Т          | T               | П                 |          | Ť           | $\top$      | Т       | 1 }          |       | $\neg$      | Т        | 1            | ΤÌ              |                | Т         |                 |                |  |
| Final           |                 |  |                  |           |         |          |                 |                | Final          | Original |            |                 |                   |          |             |             |         |              | Final | Original    | -        |              |                 |                |           |                 |                |  |
| ⊑   है          |                 |  |                  |           |         |          |                 |                | ΙŒ             | Ö        |            |                 |                   |          |             |             |         |              | iE    | 5           | -        |              |                 |                | -         |                 |                |  |
| 1               |                 | -  | ++               | ╁         | +       | ╁        | $\vdash$        | -              |                | 51       | +          | ╁               |                   |          |             | +           | +       | 1 }          | 1     | 01          | +        |              |                 |                | +         | +               | $\dashv$       |  |
| 2               |                 |  |                  |           |         |          |                 | ∃ .            |                | 52       |            |                 |                   |          |             | 1           |         | 1 [          | 1     | 02          |          |              |                 |                | 士         |                 |                |  |
| 3               |                 |  |                  | Ţ         |         | F        | П               | $\Box$         |                | 53       | 1          | $\perp$         |                   |          | $\Box$      | T           |         | ]            |       | 03          | Ţ        | $\bot$       | П               | $\Box$         | $\supset$ | $\Box$          | $\exists$      |  |
| 5               |                 | -  | ++               | +         | +       | $\vdash$ | H               | $\dashv$       | -              | 54<br>55 |            | -               | $\vdash$          | $\dashv$ | +           |             | +       | ┨            | 1     | 04<br>05    | $\dashv$ | +            | +               | +              | +         | +               |                |  |
| 6               |                 | _  | ++               | +         | +       | T        | $\vdash$        | $\dashv$       |                | 56       | +          | +               | $\dagger \exists$ |          | +           | +           | +       | 1            |       | 06          | $\dashv$ | +            | † †             | +              | $\dashv$  | $\dashv \dashv$ | $\dashv$       |  |
| 7               |                 |  |                  | $\bot$    |         |          | П               |                |                | 57       |            |                 |                   | $\Box$   | $\Box$      | $\perp$     |         | ] [          | 1     | 07          |          | $\bot$       |                 |                | ⇉         | $\Box$          |                |  |
| 9               |                 | -  | ++               | +         | +-      | $\vdash$ | $\sqcup$        | $\dashv$       | ļ              | 58<br>59 | _          | +               | $\vdash$          | _        | $\dashv$    |             | -       | <b>∤</b> ∤   |       | 08<br>09    | 4        | +            | $\vdash$        | +              | +         | +               | {              |  |
| 10              |                 |  | ++               | +         | +       | ┢        | H               |                | -              | 60       | $\dashv$   | +-              | $\vdash$          | -        | $\dashv$    | +           |         | ┨            |       | 10          | +        |              | +               | $\dashv$       | +         | +               | <del> </del> · |  |
| 1               | 1 1             |  |                  | 1         |         | †        | m               |                |                | 61       |            | <u> </u>        |                   |          | $\exists$   | -           | 1       | 1 [          | 1     | 11          |          |              |                 | 寸              | 1         |                 |                |  |
| 12              |                 |  |                  | $\perp$   | $\perp$ |          |                 |                |                | 62       |            | _               |                   |          | 4           | 4           | $\perp$ | ] . [        |       | 12          |          |              | Ш               | $\perp$        | 4         |                 | _              |  |
| 1:              |                 | -  | +                | +         | -       | $\vdash$ | H               | _              |                | 63<br>64 | -          | +-              | H                 | $\dashv$ | -+          | +           | +       | <b>.</b> .   |       | 13<br>14    | +        | _            | Н               | +              | +         |                 |                |  |
| 19              |                 | ┢  |                  | $^{+}$    | +       | $\vdash$ | $\vdash$        |                |                | 65       | _          | +               | H                 |          | $\dashv$    | 十           | +       | 1            |       | 15          | $\dashv$ | 1            | H               | $\dashv$       | $\top$    | $\dashv$        | -              |  |
| 16              | 6               |  |                  | 1.        |         | L        |                 |                |                | 66       |            |                 | П                 |          |             | $\perp$     |         | ] [          | 1     | 16          | 1        |              |                 |                | 1         |                 |                |  |
| 17              |                 | ┝  | $\vdash$         | +         | +-      | $\vdash$ | Н               | $\dashv$       | -              | 67<br>68 | +          | -               | $\vdash$          |          | $\dashv$    |             | +       | <del> </del> |       | 17<br>18    | +        |              | $\vdash$        | $\dashv$       | +         | +               |                |  |
| 19              |                 | <del>                                     </del> |                  | $^{+}$    | +       | T        | Н               | $\dashv$       |                | 69       | $\dashv$   | +               | $\vdash$          | ᅥ        | _           | +           | ╁       | 1            |       | 19          | $\dashv$ |              | $\vdash$        | $\dashv$       | $\dagger$ |                 |                |  |
| 20              | 0 <b>y</b>      |  |                  | T         |         |          |                 |                |                | 70       |            |                 | П                 | $\Box$   |             | $\Box$      |         | ] [          |       | 20          | $\Box$   |              |                 |                | 1         |                 |                |  |
| 22              | 1 1             | _  | $\vdash$         | ╁         | -       | -        | $\vdash$        | $\dashv$       |                | 71<br>72 | _          | -               | $\vdash$          |          | +           | +           | +       |              |       | 21<br>22    | $\dashv$ | +            | $\vdash$        | $\dashv$       | +         | -               | _              |  |
| 23              |                 |  | 1"               | $\dagger$ |         | t        | H               | $\dashv$       |                | 73       |            | ╅               | $\vdash$          | ᅥ        | -           | $\dashv$    | +       | 1            |       | 23          | $\dashv$ |              | $\vdash$        | $\dashv$       | +         | +               | -              |  |
| 24              | 4               |  |                  |           |         |          |                 |                |                | 74       |            |                 | П                 |          | $\Box$      |             |         |              | 1     | 24          |          |              |                 |                |           |                 |                |  |
| 25              |                 |  | $\vdash$         | +         | +       | 1        | $\vdash$        | _              |                | 75       |            | +-              | $\vdash$          | $\dashv$ |             | _           | +       | <b> </b>     |       | 25          | +        |              | $\vdash$        | _              | $\dashv$  | +               | _              |  |
| 27              | 7               |  | ++               | +         | +       | +        | $\vdash \vdash$ | $\dashv$       |                | 76<br>77 | +          | +               | $\vdash$          | -        | $\dashv$    | $\dashv$    | +       |              | 1     | 26<br>27    | +        | +            | $\vdash$        | $\dashv$       | +         | +               | $\dashv$       |  |
| 28              | В               |  |                  | I         |         |          |                 | ゴ              |                | 78       |            | 1               | 口                 |          | $\sqsupset$ |             |         | 1 t          | 1     | 28          | 寸        |              | 口               |                | #         |                 |                |  |
| 30              |                 |  | -                | +         | +       | -        | $\vdash \vdash$ | $\dashv$       |                | 79<br>80 |            | +               | $\vdash \vdash$   | $\dashv$ | $\dashv$    | +           | $\perp$ |              |       | 29<br>30    | $\dashv$ | +            | $\sqcup$        | $\perp$        | 4         | +               | _              |  |
| 31              |                 |  | ++               | +         | +       | H        | $\vdash$        | $\dashv$       |                | 81       |            | ╁               | $\vdash \vdash$   | $\dashv$ | +           | +           | +       | ╽┟           |       | 30          | $\dashv$ | +            | $\vdash$        | +              | +         | +               | $\dashv$       |  |
| 32              | 2               |  |                  | $\perp$   |         |          |                 | $\Box$         |                | 82       | 丄          |                 | Ш                 |          |             | 土           | 上       |              | 1     | 32          | 1        |              | П               | 士              |           | Ш               |                |  |
| 33              |                 | _  | $\vdash$         | +         | 1       | ـ        |                 | 4              | <u> </u>       | 83       | -          |                 | oxdot             |          | _           | $\perp$     |         | -            |       | 33          | $\bot$   |              | $\Box$          | 1              | $\bot$    | +               | _              |  |
| 34              | 5               | <u> </u>   | ++               | +         | +       | $\vdash$ | H               | $\dashv$       | <b>—</b>       | 84<br>85 | +          | +               | ╁                 | $\dashv$ | -+          | -           | +       | {            |       | 34<br>35    | +        | +            | $\vdash \vdash$ | $\dashv$       | +         |                 | $\dashv$       |  |
| 36              | 6               | E  |                  | 土         |         |          |                 |                |                | 86       |            | $\perp$         |                   | Ⅎ        | _           | 士           | $\perp$ | jt           | 1     | 36          | ╗        | +-           |                 | $\pm$          | _         |                 | $\exists$      |  |
| 37              |                 |  |                  | Ţ         | $\perp$ |          |                 | $\Box$         |                | 87       | T          |                 |                   | $\Box$   | $\dashv$    | $\perp$     |         | [            | 1     | 37          | 1        | 1            |                 | $\Box$         | $\perp$   | $\Box$          |                |  |
| 38              |                 |  | $\vdash$         | +         | +       | $\vdash$ | $\vdash$        | _              | <u> </u>       | 88<br>89 | +          | +               | $\vdash \vdash$   | -        | +           | +           | -       | ╽╶┟          |       | 38<br>39    | 4        | - -          | $\vdash \vdash$ | +              | +         | +               | $\dashv$       |  |
| 40              |                 |  |                  | +         | +       | $\vdash$ | $\vdash$        | $\dashv$       | -              | 90       | +          | +               | $\vdash$          | +        | +           | +           | +       |              |       | 40          | +        | +            | $\vdash \vdash$ | +              | +         | $\dashv \dashv$ | $\dashv$       |  |
| 41              | 1               |  |                  | Ţ         |         |          |                 | $\exists$      |                | 91       | 1          |                 | П                 |          | $\Box$      | ユ           |         |              | 1     | 41          |          |              | Ш               |                | 士         | 廿               | $\exists$      |  |
| 42              |                 |  | <del>     </del> | $\perp$   | +       | <u> </u> | $\prod$         | 4              | <u> </u>       | 92       | - -        | ļ.              | $\Box$            | $\dashv$ | $\bot$      |             | $\Box$  | [            | 1     | 42          | $\bot$   | 4            | П               | $\perp$        |           | $\prod$         | _              |  |
| 43              |                 | _  | +-               | ╁         | +       | $\vdash$ | $\vdash$        | $\dashv$       | <del> </del>   | 93<br>94 | +          | +               | Н                 | $\dashv$ | $\dashv$    | +           | ╁┤      |              |       | 43<br>44    | +        | +            | $\vdash$        | +              | +         | ╂               | $\dashv$       |  |
| 45              | 5               |  |                  | 土         |         |          |                 | ╛              |                | 95       | 士          |                 |                   |          |             | 士           |         |              | 1     | 45          | $\perp$  | 士            |                 |                | $\pm$     |                 | $\exists$      |  |
| 46              |                 |  |                  | $\perp$   |         | $\Box$   | $\Box$          | _              |                | 96       |            |                 |                   | $\dashv$ | Ţ           | $\perp$     | $\Box$  |              | 1     | 46          | 1        |              |                 | $\blacksquare$ | Ţ         | $\Box$          | $\Box$         |  |
| 47              |                 |  | $\vdash \vdash$  | +         | +       | $\vdash$ | $\vdash$        | $\dashv$       | <del> </del>   | 97<br>98 |            | +               | $\vdash$          | $\dashv$ | +           | +           | +       |              |       | 47<br>48    | +        | +            | $\vdash \vdash$ | +              | +         | +-              | -1             |  |
| 40              |                 | -  | <del>   </del> - | +         | +       | Η-       | $\vdash$        | $\dashv$       | $\vdash$       | 90       |            | +               | $\vdash$          | -+       | $\dashv$    |             | +       | ı F          |       | 10          | +        | +            | ⊢⊢              |                | +         | ++              | $\dashv$       |  |

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Application No.

Applicant(s)

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